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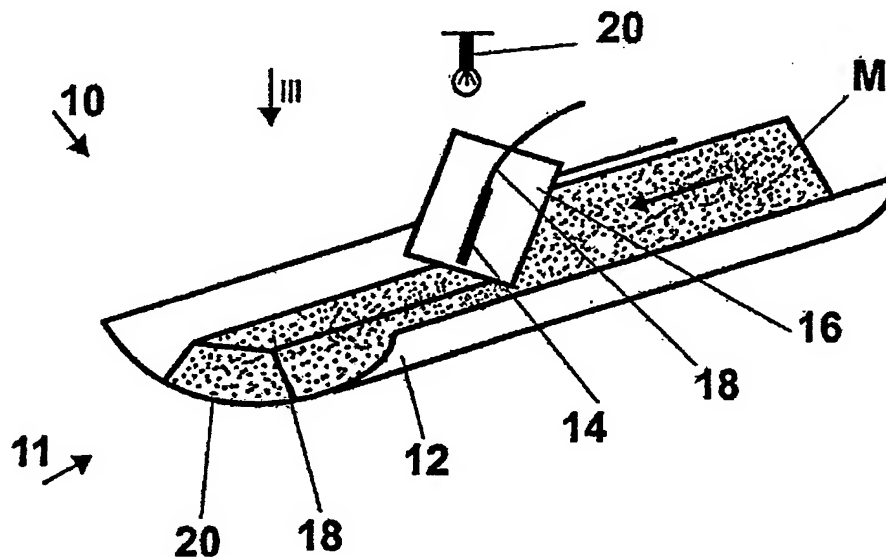
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SPECTRAL ANALYSIS APPARATUS FOR MEASURING INTERMEDIATE LAYERS OF MINERAL SAMPLERS



(57) Abstract: A method of spectral analysis of a mineral (M) in granular form is disclosed. The mineral (M) is moved through an illumination zone (18) and a beam of light is directed at the mineral (M) to illuminate it. Light reflected off the mineral (M) is collected and then spectrally analysed to obtain information pertaining to the composition of the granular material (M). The mineral (M) is in the form of a layer having an undersurface (20) and a top surface (22). The illumination zone (18) is intermediate the undersurface (20) and the top surface (22).

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 461 229 A (SAUTER GERALD F ET AL) 24 October 1995 (1995-10-24) column 3, line 48 -column 5, line 8; figures 1,2,4	1-4,9-13

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